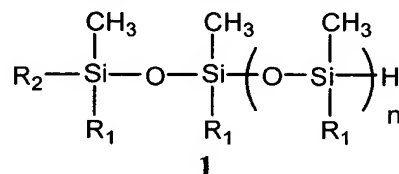


ABSTRACT

SILOXANE MONOMERS AND OLIGOMERS

A process for preparing α , ω -functional siloxane compounds in a purity of greater than or equal to 90% includes contacting a monohydrosiloxane compound of formula 1



with oxygen in the presence of a platinum group catalyst, without adding water, to form the α , ω -functional siloxane compound in a purity of greater than or equal to 90%;

wherein n is 0, 1, or 2;

R_1 is fluoroethyl, methyl or phenyl; and

R_2 is substituted alkyl, epoxyalkyl, oxetanylalkyl, substituted oxaalkyl, epoxyoxaalkyl, oxetanyloxaalkyl, alkenyl, alkylalkoxysilyl, substituted alkylaryl, and substituted arylalkyl.